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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/720,603	
	Filing Date	November 24, 2003	
	First Named Inventor	Ananda Chakrabarty et al.	
	Art Unit	1642	
	Examiner Name	Lei Yao	
Total Number of Pages In this Submission		Attorney Docket Number	51282-00013

ENCLOSURES (check all that apply)		
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Remarks Applicant received two Search Reports which are being filed in an Information Disclosure Statement Copy of Search Report in Singapore Patent Application No.: 200600984-9 Copy of communication dated June 13, 2007, as received from Applicant Singapore Associate; and Copy of Search Report in Georgian Patent Application No.: AP 2004 009294 Copy of communication dated June 14, 2007, as received from Applicant Georgian Associate.		
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT		
Firm Name	SHEPPARD MULLIN RICHTER & HAMPTON LLP	
Signature		
Printed Name	Don J. Peto	
Date	July 13, 2007	Reg. No. 33,754

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	10/720,603	Confirmation No. 6398
Applicant	Ananda Chakrabarty et al.	
Filed	November 24, 2003	
TC/Art Unit	1642	
Examiner	Lei Yao	
Docket No.	51282-00013	
Customer No.	68850	

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE

STATEMENT UNDER 37 C.F.R. § 1.56(b)

Customer Service Window
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Sir:

In order to comply with Applicants' duty of disclosure pursuant to 37 C.F.R. §1.56, submitted herewith on Form PTO/SB/08A is a listing of documents known to Applicants. The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

As provided in 37 C.F.R. § 1.98(e) and/or M.P.E.P. 609 III(A)(2)(A), copies of the U.S. Patents and the published U.S. Application listed on Form PTO/SB/08A are not being provided as the instant application was filed after June 30, 2003.

The present application is U.S. continuation-in-part based on Singapore Patent Application No. 200600984.9 which claims the benefit under 35 U.S.C. § 120, of PCT/US04/025982 which claims the benefit of Patent Application Serial No. 10/047,710, filed January 15, 2002, now Patent No.: 7,084,105 . A copy of the search report is expressly incorporated fully herein by reference. The Information Disclosure Statement is being filed within three months of receiving the search report from Applicants' Singapore associate(s).

Applicants' submit a copy of a subsequent search report based on Georgian Patent Application No.: AP 2004 009294 which claims the benefit under 35 U.S.C. § 120, of PCT/US04/025982 which claims the benefit of Patent Application Serial No. 10/047,710, filed January 15, 2002, now Patent No.: 7,084,105 . A copy of the search report is expressly incorporated fully herein by reference. The Information Disclosure Statement is being filed within three months of receiving the search report from Applicants' Georgian associate(s).

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. § 609. References not listed on the PTO/SB/08A form since they were previously filed in an Information Disclosure Statement.

Accordingly, pursuant to 37 C.F.R. §1.97, is believed no fee is required at this time. However, if any fee is associated with the filing of this paper we hereby authorized the commissioner to charge any deficiency or credit any overpayment to the undersigned Account No. 50-1067.

Respectfully submitted,

July 13, 2007

Date:



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Reg. No. 33,754

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application No.	10/720,603		
		Filing Date	November 24, 2003		
		First Named Inventor	Ananda Chakrabarty et al.		
		Art Unit	1642		
		Examiner Name	Lei Yao		
Sheet	1	of	1	Attorney Docket Number	51282-00013

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1.	US 7,084,105	08/2006	Chakrabarty et al.	
	2.	US 2006/149037	07/2006	Chakrabarty et al.	
	3.	US 2006/292136	12/2006	Chakrabarty et al.	
	4.	US 2002/110872	08/2002	Chakrabarty et al.	
	5.	US 2006/251639	11/2006	Chakrabarty et al.	
	6.	US 2006/040269	02/2006	Chakrabarty et al.	
	7.	US 2006/251669	11/2006	Chakrabarty et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	8.	AU-2004/266632	03/03/2005	Das Gupta et al.	abstract	
	9.	CA- 2535581	03/03/2005	Yoshinori Hiraoka et al.	abstract	
	10.	EP- 1653990	05/10/2006	Chakrabarty et al.	abstract	
	11.	WO- 2006/127477	22/30/2006	Chakrabarty et al.	abstract	
	12.	BR- P10413574	10/17/2006	Chakrabarty et al.	abstract	
	13.	CN- 1863545	11/15/2006	Tohru et al.	abstract	
	14.	KR- 2006/009835	09/18/2006	Chakrabarty et al.	abstract	
	15.	WO-2005/018662	03/03/2005	Chakrabarty et al.	abstract	
	16.	WO- 2006/127514	11/30/2006	Chakrabarty et al.	abstract	
	17.	CA- 2436224	10/03/2002	Zaborina Olga et al.	abstract	
	18.	EP- 1411963	04/28/2004	Das Gupta et al.	abstract	
	19.	NO- 2006/1168	05/15/2006	Chakrabarty et al.	abstract not available	
	20.	WO- 2006/088508	08/24/2006	Chakrabarty et al.	abstract	
	21.	WO- 2007/012004	01/25/2007	Hong Chang et al.	abstract	
	22.	WO- 2002/076380	10/03/2002	Das Gupta et al.	abstract	

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	23.	Goto M. et al., "Induction of Apoptosis in Macrophages by Pseudomonas Aeruginosa Azurin: Tumour-Suppressor Protein p53 and Reactive Oxygen Species, but not Redox Activity, as Critical Elements in Cytotoxicity Molecular Microbiology, 2003, 47 (2): 549-559		
	24.	Yamada T. et al., "Rusticyanin, a Bacterial Electron Transfer Protein, causes GL arrest in J774 and apoptosis in Human Cancer Cells. Cell Cycle", 2004, 3(9):1182-1187		
	25.	Punji V. et al., "Microbial-Based Therapy of Cancer: a new twist to age old practice. Cancer Biology & Therapy. 2004, 3(8):708-14		
Examiner Signature			Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.